

## PATENT

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**AMENDMENTS TO THE CLAIMS**

1-22 (Cancelled)

23. (Currently amended) A method for keeping track of program indexes in an interactive delivery system, comprising:

maintaining track of which of a plurality of interactive program guide (IPG) pages are currently received at a terminal from a headend by using a program map table (PMT), a program association table (PAT) and a roster comprising a plurality of roster elements, each roster element associated with a corresponding IPG page currently provided to the terminal, each roster element comprising a first field containing a packet identifier (PID) for the corresponding IPG page and one or more additional fields containing additional PIDs for respective regions of the IPG page;

receiving a request from a viewer at the terminal for a selected IPG page;

determining whether the selected IPG page is currently received at the terminal from the headend by consulting the roster; and

if the selected IPG page is currently received, then using the roster to determine ~~which packet identifiers (PIDs) used to transmit a plurality of~~ the PIDs for the respective regions of the selected IPG page, processing these PIDs to recover the selected IPG page, and presenting the selected IPG page to the viewer, without requesting transmission of the selected IPG page from the headend.

24. (Previously presented) The method of claim 23, further comprising:

if the selected IPG page is not currently received, then the terminal requests transmission of the selected IPG page from the headend.

25. (Previously presented) The method of claim 23, further comprising:

transmitting, from the headend to the terminal, a roster element for each IPG page transmitted; and

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storing, at the terminal, the roster element in the roster.

26. (Previously presented) The method of claim 25, further comprising:  
updating the roster as new IPG pages are transmitted by the headend.
27. (Previously presented) The method of claim 25, further comprising:  
updating the roster as old IPG pages are removed.
28. (Currently amended) A system for keeping track of program indexes in an interactive delivery system, comprising:  
a tracking component at a terminal to maintain track of which of a plurality of interactive program guide (IPG) pages are currently received at the terminal from a headend by using a program map table (PMT), a program association table (PAT) and a roster comprising a plurality of roster elements, each roster element associated with a corresponding IPG page currently provided to the terminal, each roster element comprising a first field containing a packet identifier (PID) for the corresponding IPG page and one or more additional fields containing additional PIDs for respective regions of the IPG page; and  
a remote control unit coupled to the terminal to receive a request from a viewer for a selected IPG page;  
wherein the tracking component determines whether the selected IPG page is currently received at the terminal from the headend by consulting the roster;  
wherein, if the selected IPG page is currently received, then the tracking component uses the roster to determine ~~which packet identifiers (PIDs) used to transmit a plurality of the PIDs for the respective~~ regions of the selected IPG page, processing these PIDs to recover the selected IPG page, and presenting the selected IPG page to the viewer, without requesting transmission of the selected IPG page from the headend.
29. (Previously presented) The system of claim 23, wherein, if the selected IPG page is not currently received, then the terminal requests transmission of the selected IPG page from the headend.

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30. (Previously presented) The system of claim 23, wherein the headend transmits a roster element for each IPG page transmitted to the terminal and the terminal stores the roster element in the roster.

31. (Previously presented) The system of claim 25, wherein the roster is updated by the tracking component as new IPG pages are transmitted by the headend.

32. (Previously presented) The system of claim 25, wherein the roster is updated by the tracking component as old IPG pages are removed.

33. (Currently amended) A computer readable medium storing instructions for performing a method for keeping track of program indexes in an interactive delivery system, the method comprising:

maintaining track of which of a plurality of interactive program guide (IPG) pages are currently received at a terminal from a headend by using a program map table (PMT), a program association table (PAT) and a roster comprising a plurality of roster elements, each roster element associated with a corresponding IPG page currently provided to the terminal, each roster element comprising a first field containing a packet identifier (PID) for the corresponding IPG page and one or more additional fields containing additional PIDs for respective regions of the IPG page;

receiving a request from a viewer at the terminal for a selected IPG page;

determining whether the selected IPG page is currently received at the terminal from the headend by consulting the roster; and

if the selected IPG page is currently received, then using the roster to determine ~~which packet identifiers (PIDs) used to transmit a plurality of~~ the PIDs for the respective regions of the selected IPG page, processing these PIDs to recover the selected IPG page, and presenting the selected IPG page to the viewer, without requesting transmission of the selected IPG page from the headend.

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34. (Previously presented) The computer readable medium of claim 33, further comprising:

if the selected IPG page is not currently received, then the terminal requests transmission of the selected IPG page from the headend.

35. (Previously presented) The computer readable medium of claim 33, further comprising:

transmitting, from the headend to the terminal, a roster element for each IPG page transmitted; and

storing, at the terminal, the roster element in the roster.

36. (Previously presented) The computer readable medium of claim 33, further comprising:

updating the roster as new IPG pages are transmitted by the headend.

37. (Previously presented) The computer readable medium of claim 33, further comprising:

updating the roster as old IPG pages are removed.